

B1 29. (New) A guide wire as in claim 28, wherein the plastic jacket is in intimate contact with the radiopaque coil.

30. (New) A guide wire as in claim 28, wherein the plastic jacket is in intimate contact with the proximal portion of the core. B

31. (New) A guide wire as in claim 28, wherein the plastic jacket has a smooth outer surface.

A1 32. (New) A guide wire as in claim 28, wherein a distal end of the radiopaque coil is connected to a distal end of the core to form a connection, and wherein the plastic jacket encapsulates the connection.

B1 33. (New) A guidewire as in claim 32 wherein the distal portion of the core has a relatively flat cross-sectional shape.

34. (New) A guidewire as in claim 33, wherein the proximal portion of the core has a relatively round cross-sectional shape.

35. (New) A guide wire comprising:  
an elongated core having a proximal region and a distal region, the distal region of the core having a proximal portion and a distal portion, the distal portion having a relatively flat

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cross-sectional shape and the proximal portion of the core having a relatively round cross-sectional shape;

a radiopaque coil disposed about the distal portion of the core, with a distal end of the radiopaque coil connected to a distal end of the core to form a junction; and

a plastic jacket having a smooth outer surface disposed about the proximal portion of the core, the radiopaque coil, and the junction, the plastic jacket being in intimate contact with the radiopaque coil and the proximal portion of the core.

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